

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/509,150	
	Filing Date	09/27/2004	
	First Named Inventor	Sung-Jin Kim	
	Art Unit	1632	
	Examiner Name		
Total Number of Pages in This Submission	6	Attorney Docket Number	AP036-04

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) Return Receipt Postcard 2) Copy of notice of missing requirements
Remarks _____		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name		
Signature	<i>David A. Guerra</i>	
Printed name	David A. Guerra	
Date	07/06/2005	Reg. No. 46,443

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature	<i>David A. Guerra</i>	
Typed or printed name	David A. Guerra	Date 07/06/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 224.00

## Complete if Known

Application Number 10/509,150  
Filing Date 09/27/2004  
First Named Inventor Sung-Jin Kim  
Examiner Name  
Art Unit 1632  
Attorney Docket No. AP036-04

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☐ Deposit Account Deposit Account Number: Deposit Account Name:

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	100	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$)

- 20 or HP = x = 224.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

- 100 = / 50 = (round up to a whole number) x =

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

Fees Paid (\$)

## SUBMITTED BY

Signature *David A. Guerra* Registration No. 46,443 Telephone (724) 345-1450  
Name (Print/Type) David A. Guerra Date 07/06/2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Adjustment date: 07/11/2005 ATRAM  
06/16/2005 SAHME1 00000004 10509150  
01 FC:1206

-1.00 UP

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sung-Jin Kim

SERIAL NUMBER: 10/509,150

INTERNATIONAL APPLICATION NO.: PCT/KR03/00598

FILING OR 371(c) DATE: 09/27/2004

TITLE: COMPOSITION COMPRISING AN EXTRACT OF LIRIOPSIS TUBER  
FOR PROTECTING BRAIN CELLS AND IMPROVING MEMORY

GROUP ART UNIT: 1632

ATTY. DOCKET NO.: AP036-04

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**  
**UNDER 35 U.S.C. 371**

07/11/2005 ATRAN1 00000098 10509150

01 FC:2615

225.00 OP

**July 6, 2005**Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This response is submitted in conjunction with a copy of the NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US).

In response to the NOTIFICATION OF MISSING REQUIREMENTS dated 06/20/2005, the following amendments and remarks are respectfully submitted in connection with above-identified application:

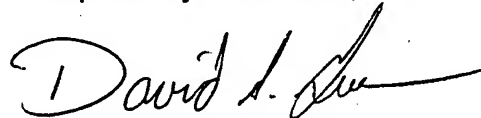
**REMARKS**

The Applicant appreciates the courteous and complete examination of the application by the Examiner. In view of the foregoing amendments and the following remarks, a reconsideration of the instant application is respectfully requested.

The NOTIFICATION OF MISSING REQUIREMENTS indicated that an additional claim fees of **\$224.00** as a small entity, for 27 claims over 20, is required. The Applicant submits a cheque for the additional claim fees, and a copy of the NOTIFICATION OF MISSING REQUIREMENTS, thereby meeting the requirements of the Notification and 35 U.S.C. 371.

With the above amendments and/or remarks being fully responsive to all outstanding rejections and formal requirements, it is respectfully submitted that the application is now complete under 35 U.S.C. 371, and a new filing receipt is earnestly solicited. Should the Examiner feel that there are further issues which might be resolved by means of telephone interview, he is cordially invited to telephone the undersigned at 727-345-1450.

Respectfully Submitted,



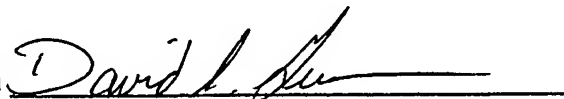
David A. Guerra, Reg. 46,443

**CERTIFICATE OF TRANSMISSION/MAILING**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

On (Date) 07/06/2005 by David A. Guerra





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1459  
 Alexandria, Virginia 22313-1459  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY DOCKET NO.
10/509,150	Sung-Jin Kim	AP036-04

INTERNATIONAL APPLICATION NO.
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PCT/KR03/00598

LA. FILING DATE	PRIORITY DATE
03/26/2003	03/29/2002

29689

DAVID A. GUERRA  
 933 OLANDER WAY SOUTH, SUITE 3  
 SOUTH PASADENA, FL 33707

CONFIRMATION NO. 5035

371 FORMALITIES LETTER



\*0000000016306156\*

Date Mailed: 06/20/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/27/2004
- Copy of the International Search Report filed on 09/27/2004
- Copy of IPE Report filed on 09/27/2004
- Preliminary Amendments filed on 09/27/2004
- Information Disclosure Statements filed on 09/27/2004
- Oath or Declaration filed on 09/27/2004
- U.S. Basic National Fees filed on 09/27/2004
- Priority Documents filed on 09/27/2004
- Power of Attorney filed on 09/27/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$225 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$224 for a Small Entity:

- Total additional claim fee(s) for this application is \$ 225
  - \$225 for 27 total claims over 20.

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(A previous payment of \$1 will be applied to the additional fees indicated above.)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO	ATTY DOCKET NO.
10/509,150	PCT/KR03/00598	AP036-04

FORM PCT/DO/EO/923 (371 Formalities Notice)

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